

DaimlerChrysler AG

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Patent Claims

1. An air supply device for an automotive seat comprising an air duct (20) which is arranged at the delivery side of a fan (18) and has at least one air outlet opening (24) provided in the upper region of the seat for supplying the head, shoulder and neck region of a seat occupant with a flow of air, with a heating element (22) being arranged in the air duct (20) between the fan (18) and the air outlet opening (24), and with the air supply device being assigned at least one sensor (44) for detecting a parameter value as a function of which the flow of air emerging from the air outlet opening (24) is controlled, characterized in that the sensor (44) is arranged inside the air duct (20) between the air outlet opening (24) and the heating element (22).

2. The air supply device as claimed in claim 1, characterized in that the sensor (44) is designed as a temperature sensor.

3. The air supply device as claimed in claim 1, characterized in that the heating element (22) and/or the fan (18) are/is controlled as a function of the parameter value of the sensor (44).

4. The air supply device as claimed in claim 1, characterized in that the sensor (44) is arranged close to a grating element (32) positioned inside the air duct (20).

5. The air supply device as claimed in claim 4,

characterized in that the grating element (32) is arranged close to the air outlet opening (24) of the air duct (20).

5    6.    The air supply device as claimed in claim 4, characterized in that the sensor (44) is integrated into the grating element (32).

10    7.    The air supply device as claimed in claim 1, characterized in that the sensor (44) is borne by a socket part (50) which can be inserted into a locating slot (52) at that end of the air duct (20) assigned to the air outlet opening (24).